

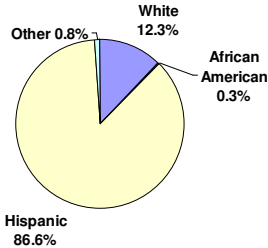
Texas Cardiovascular Health & Wellness Program

Texas Department of State Health Services



Cardiovascular Health Facts 2001-2007 City of Harlingen (Cameron County)

Demography of Cameron County in 2007 (Estimated Texas Population)



| Demographics | | | | |
|--------------|----------------|----------------|----------------|--------------|
| Age | Total | Males | Females | Percent |
| 0-17 | 128,784 | 65,691 | 63,093 | 32.7 |
| 18-29 | 73,112 | 37,238 | 35,874 | 18.6 |
| 30-34 | 72,986 | 33,824 | 39,162 | 18.5 |
| 35-64 | 74,777 | 34,820 | 39,957 | 19.0 |
| 65+ | 43,804 | 18,901 | 24,903 | 11.1 |
| Total | 393,463 | 190,474 | 202,989 | 100.0 |

Prevalence Rates, Adults (≥18), 2007

Risk Factor Prevalence, Adults, 2007

| | Cameron County | Texas | | Cameron County | Texas |
|----------------------------------|----------------|-------|---|----------------|-------|
| CVD¹ | 8.0% | 8.3% | Overweight & Obesity (BMI 25 or Greater) | 72.1% | 65.7% |
| Heart Disease² | 6.2% | 6.7% | Obesity (BMI 30 or Greater) | 33.1% | 28.6% |
| Stroke | 2.4% | 2.8% | No Leisure Time Physical Activity | 35.9% | 28.3% |
| High Blood Pressure | 27.3% | 27.8% | Current Smoker | 12.4% | 19.3% |
| High Cholesterol | 38.5% | 38.5% | Intake of Fruit & Vegetables is < 5 times a day | 77.2% | 74.8% |
| Diabetes | 12.6% | 10.4% | | | |

CVD and Stroke Age-Adjusted Mortality Rates³ (per 100,000) 2001-2005

| | CVD | | Heart Disease | | Stroke | |
|-------------------------|----------------|-------|----------------|-------|----------------|-------|
| | Cameron County | Texas | Cameron County | Texas | Cameron County | Texas |
| Total | 241.1 | 317.5 | 186.5 | 237.6 | 35.9 | 58.8 |
| Male | 289.7 | 356.0 | 235.1 | 279.2 | 35.5 | 55.1 |
| Female | 201.3 | 284.0 | 147.1 | 203.1 | 36.0 | 60.6 |
| White | 214.5 | 319.2 | 167.0 | 241.0 | 29.5 | 57.7 |
| African American | 397.6 | 451.1 | 326.7 | 327.6 | 70.9 | 87.8 |
| Hispanic | 260.4 | 259.8 | 202.2 | 194.6 | 39.4 | 48.1 |

Hospital Discharge Data⁴

Texas EMS/Trauma Registry Data⁵ 2007 for Health Service Region (HSR) 11

| Cameron County, 2007 | | Time (Min) for CVD | | Time (Min) for Stroke | |
|---------------------------------|---------------|--|-------|-----------------------|-------|
| | Total Charges | HSR 11 | Texas | HSR 11 | Texas |
| Ischemic Heart Disease | \$127,361,374 | Response Time = (Time Call Received - Time EMS Arrived on Scene) 10.7 8.3 15.3 9.1 | | | |
| Hemorrhagic Stroke | \$14,376,541 | Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene) 17.0 18.5 17.3 18.1 | | | |
| Ischemic Stroke | \$31,309,861 | Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination). 17.6 14.5 15.9 14.3 | | | |
| Congestive Heart Failure | \$71,428,943 | Delivery Time = (Time Call Received - Time EMS Arrived at Destination) 43.9 39.7 48.4 40.2 | | | |

¹ 2007 Texas Behavioral Risk Factor Surveillance System, Statewide BRFSS Survey, for Respondents 18 years and older who report that they have been diagnosed as having had a Heart Attack, Myocardial Infarction, Angina, Coronary Heart Disease, or Stroke.

² Respondents 18 years and older who report that they have been diagnosed as having had a Heart Attack or Myocardial Infarction.

³ 2001-2005 Texas Department of State Health Services Vital Statistics. Mortality due to CVD (ICD-10 Code I00-I99); Heart Disease (ICD-10 Code I00-I09, I11, I13, I20-I51); Stroke (ICD-10 Code I60-I69).

⁴ 2007 Texas Health Care Information Collection, Inpatient Hospital Discharge Public Use File, for persons all ages. Ischemic heart disease (ICD-9 Code 410-414); Hemorrhagic Stroke (ICD-9 Code 430-432); Ischemic Stroke (ICD-9 Code 436-438, 433, 434); Congestive Heart Failure (ICD-9 Code 428).

⁵ Texas EMS/Trauma Registry Data Selected in 2007. the selection criteria as:

- Calls received during 2007
- Suspected Illness Types include Cardiac Arrest, Cardiac Rhythm Disturbance, and Chest Pain/Discomfort
- Medical-related calls only (i.e. calls exclusively related to trauma were excluded)
- 911 calls only (no inter-facility transfers) Texas residents only

The '-' indicates that the sample size was not a statistically valid sample size (< 50 respondents).